

Aircraft Warning Device (Sphere)



General Recommendations

The Aircraft Warning Device (Sphere) is designed to make overhead lines visible to aircraft and provides a cost beneficial means of reducing the hazard to both lines and air traffic. This device is applied to the earthwire of Transmission systems.

This product is different to the Aircraft Warning Flapper by virtue of its configuration being spherical.

The Sphere is made of Rotomoulded Low Density Polyethylene UV stabilised engineering plastic. The attachment fitting is a PLP® Helical Wrap-on attachment rod.

The fitting has a mass of 3.7 kg and is easily and quickly applied by hand or by hot sticks. The positive grip of the fitting on the conductor ensures that it remains in the applied position and cannot move along the span under vibration or wind action, and it will not in any way damage the conductor.

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Visibility: The sphere increases the visibility profile of the cable or conductor to a degree necessary to ensure safety, in compliance with the current ICAO annex 14 Chapter 6.2.8.

The sphere measures 600 mm in diameter.

Colour: Orange or white separately.

Spacing: Spacing distances are not critical and will depend upon local conditions. Since wind resistance is limited, sufficient fittings can be used to ensure adequate visibility without creating stresses on the line. When marking adjacent spans, overall visibility is improved by staggering the application. The general rule is to apply Warning Devices at 20 m intervals.

Standard Pack: Unless otherwise specified by customer, our standard packing is one Orange and one White sphere per carton.

	CATALOGUE NO. CONDUCTOR	DIAMETER RANGE MM	MASS OF FITTING
600 mm	AWD 20-278/315	7.0 mm to 8.0 mm	3.7 kg
	AWD 20-317/357	8.0 mm to 9.1 mm	3.7 kg
	AWD 20-358/405	9.2 mm to 10.2 mm	3.7 kg
	AWD 20-406/459	10.3 mm to 11.6 mm	3.7 kg
	AWD 20-460/520	11.7 mm to 13.2 mm	3.7 kg
	AWD 20- 521/588	13.23 mm to 14.9 mm	3.7 kg
	AWD 20-668/750	16.9 mm to 19.2 mm	3.7 kg

Other sizes - On application

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